



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

CYPRESS HEMP LLC
10771 Perkins Rd
BATON ROUGE, LA 70810

Batch # M058
Batch Date: 2021-12-14
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP211214-160001
Order Date: 2021-12-14
Sample # AACG754

Sampling Date: 2021-12-17
Lab Batch Date: 2021-12-17
Completion Date: 2021-12-23

Initial Gross Weight: 87.775 g



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Pesticides
Passed

Microbiology
Petrifilm
Tested

Potency - 11

Specimen Weight: 200.800 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	115.800	11.580
CBD	15.000	0.000054	0.001	34.930	3.493
CBC	15.000	0.000018	0.001	6.017	0.602
CBGA	15.000	0.00008	0.001	2.660	0.266
Delta-9 THC	15.000	0.000013	0.001	2.550	0.255
THCA-A	15.000	0.000032	0.001	1.747	0.175
CBG	15.000	0.000248	0.001	1.080	0.108
Delta-8 THC	15.000	0.000026	0.001	<LOQ	<LOQ
CBN	15.000	0.000014	0.001	<LOQ	<LOQ
THCV	15.000	0.000007	0.001	<LOQ	<LOQ
CBDV	15.000	0.000065	0.001	<LOQ	<LOQ

Tested (HPLC/LCMS)

Potency Summary

Total THC 0.408%	Total CBD 13.649%
Total CBG 0.341%	Total CBN None Detected
Other Cannabinoids 0.602%	Total Cannabinoids 15.000%

Terpenes Summary

Analyte	Result (mg/g)	(%)
beta-Myrcene	2.19	0.219%
trans-Caryophyllene	0.45	0.045%
alpha-Pinene	0.44	0.044%
(R)-(+)-Limonene	0.3	0.03%
Eucalyptol	0.14	0.014%
beta-Pinene	0.12	0.012%
alpha-Humulene	0.11	0.011%
Fenchyl Alcohol	0.08	0.008%
Linalool	0.07	0.007%
Total Terpeneol	0.05	0.005%
Caryophyllene oxide	0.05	0.005%
Valencene	0.04	0.004%
(+)-Cedrol	0.04	0.004%
cis-Nerolidol	0.04	0.004%

Total Terpenes: 0.412%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



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Terpenes

Specimen Weight: 3.500 mg

Tested
(GC/GCMS)

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
beta-Myrcene	0.002	2.190	0.219	trans-Caryophyllene	0.002	0.450	0.045
alpha-Pinene	0.002	0.440	0.044	(R)-(+)-Limonene	0.002	0.300	0.030
Eucalyptol	0.002	0.140	0.014	beta-Pinene	0.002	0.120	0.012
alpha-Humulene	0.002	0.110	0.011	Fenchyl Alcohol	0.002	0.080	0.008
Linalool	0.002	0.070	0.007	Caryophyllene oxide	0.002	0.050	0.005
Total Terpeneol	0.001	0.050	0.005	(+)-Cedrol	0.002	0.040	0.004
cis-Nerolidol	0.002	0.040	0.004	Valencene	0.002	0.040	0.004
Borneol	0.004	<LOQ		Isopulegol	0.002	<LOQ	
trans-Nerolidol	0.002	<LOQ		3-Carene	0.002	<LOQ	
alpha-Bisabolol	0.002	<LOQ		Terpinolene	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		Sabinene Hydrate	0.002	<LOQ	
Sabinene	0.002	<LOQ		Pulegone	0.002	<LOQ	
Ocimene	0.000	<LOQ		Nerol	0.002	<LOQ	
Isoborneol	0.002	<LOQ		Camphene	0.002	<LOQ	
Hexahydrothymol	0.002	<LOQ		Guaial	0.002	<LOQ	
Geranyl acetate	0.002	<LOQ		Geraniol	0.002	<LOQ	
Gamma-Terpinene	0.002	<LOQ		alpha-Phellandrene	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Farnesene	0.002	<LOQ	
Camphors	0.006	<LOQ		Fenchone	0.002	<LOQ	

Total Terpenes: 0.412%

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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H Heavy Metals **Passed**
(ICP-MS)

Specimen Weight: 247.440 mg

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	119.000	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	193.000	Mercury (Hg)	100	3000	<LOQ

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Pesticides

Specimen Weight: 170.900 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.278

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Acephate	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Acetamiprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Azoxystrobin	10	3000	<LOQ
Bifenazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Carbaryl	10	500	<LOQ	Chlorfenapyr	48	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	30	100	<LOQ	Cyfluthrin	30	1000	<LOQ
Cypermethrin	30	1000	<LOQ	Daminozide	30	100	<LOQ
Diazinon	30	200	<LOQ	Dichlorvos	30	100	<LOQ
Dimethoate	30	100	<LOQ	Dimethomorph	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	Mevinphos	30	100	<LOQ
Myclobutanil	30	3000	<LOQ	Naled	30	500	<LOQ
Oxamyl	30	500	<LOQ	Pacllobutrazol	30	100	<LOQ
Parathion-methyl	48	100	<LOQ	Pentachloronitrobenzene	30	200	<LOQ
Permethrin	30	1000	<LOQ	Phosmet	30	200	<LOQ
Piperonylbutoxide	30	3000	<LOQ	Prallethrin	30	400	<LOQ
Propiconazole	30	1000	<LOQ	Propoxur	30	100	<LOQ
Pyrethrins	30	1000	<LOQ	Pyridaben	30	3000	<LOQ
Spinetoram	30	3000	<LOQ	Spiromesifen	30	3000	<LOQ
Spirotetramat	30	3000	<LOQ	Spiroxamine	30	100	<LOQ
Tebuconazole	30	1000	<LOQ	Thiacloprid	30	100	<LOQ
Thiamethoxam	30	1000	<LOQ	Trifloxystrobin	30	3000	<LOQ

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Microbiology (Petrifilm/Plating)

Tested
(Petrifilm)

Specimen Weight: 1000.640 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	200.000	E. Coli / Coliform	10	<10
Yeast/Mold	10	30.000			

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